

CLAIMS

What is claimed is:

1. A method for amending a session document during a presentation wherein the session document includes a session structured document, the method comprising:
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providing user profiles representing users capable of participating in presentations, each user profile including user classifications for a user;
providing a presentation document including a structured document having
10 structural elements classified with classification identifiers;
identifying a user profile event for a user during the presentation; and
adding to the session structured document at least one structural element from
15 the presentation document, the added structural element having a classification identifier that corresponds to a user classification of the user.
2. The method of claim 1 wherein the user profile event comprises adding a user to the presentation, wherein the added user has a new user classification for the presentation.
3. The method of claim 1 wherein the user profile event comprises changing a user classification in a user profile of a user who is participating in the presentation, wherein the changed user classification includes a new user
5 classification for the presentation.
4. The method of claim 1 further comprising adding a grammar element to the session grammar in dependence upon the added structural element.

5. The method of claim 1 further comprising creating a session document from a presentation document, including:

5 identifying a presentation document for a presentation, the presentation document including a presentation grammar and a structured document having structural elements classified with classification identifiers;

10 identifying a user participant for the presentation, the user having a user profile comprising user classifications; and

filtering the structured document in dependence upon the user classifications and the classification identifiers.

6. The method of claim 5 wherein filtering the structured document comprises:

5 extracting, from the structured document, structural elements having classification identifiers corresponding to the user classifications; and

writing the extracted structural elements into a session structured document in the session document.

7. The method of claim 6 further comprising filtering the presentation grammar, in dependence upon the extracted structural elements, into a session grammar in the session document.

8. The method of claim 1 further comprising creating a presentation document, including:

5 creating, in dependence upon an original document, a structured document comprising one or more structural elements;

classifying a structural element of the structured document according to a presentation attribute; and

10 creating a presentation grammar for the structured document, wherein the presentation grammar for the structured document includes grammar elements each of which includes an identifier for at least one structural element of the structured document.

9. The method of claim 7 wherein classifying a structural element comprises:

identifying a presentation attribute for the structural element;

5 identifying a classification identifier in dependence upon the presentation attribute; and

inserting the classification identifier in association with the structural element in the structured document.

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10. The method of claim 7 wherein creating a presentation grammar for the structured document comprises:

identifying the content type of the original document;

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selecting, in dependence upon the content type, a full presentation grammar from among a multiplicity of full presentation grammars; and

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filtering the full presentation grammar into a presentation grammar for the structured document in dependence upon the structural elements of the structured document.

11. A system for amending a session document during a presentation wherein the session document includes a session structured document, the system comprising:
- 5 means for providing user profiles representing users capable of participating in presentations, each user profile including user classifications for a user;
- means for providing a presentation document including a structured document having structural elements classified with classification identifiers;
- 10 means for identifying a user profile event for a user during the presentation; and
- means for adding to the session structured document at least one structural element from the presentation document, the added structural element having a classification identifier that corresponds to a user classification of the user.
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12. The system of claim 11 wherein means for identifying a user profile event comprises means for identifying the addition of a user to the presentation, wherein the added user has a new user classification for the presentation.
13. The system of claim 11 wherein means for identifying a user profile event comprises means for identifying a change in a user classification in a user profile of a user who is participating in the presentation, wherein the changed user classification includes a new user classification for the presentation.
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14. The system of claim 11 further comprising means for adding a grammar element to the session grammar in dependence upon the added structural element.
15. The system of claim 11 further comprising means for creating a session

document from a presentation document, including:

5 means for identifying a presentation document for a presentation, the presentation document including a presentation grammar and a structured document having structural elements classified with classification identifiers;

10 means for identifying a user participant for the presentation, the user having a user profile comprising user classifications; and

means for filtering the structured document in dependence upon the user classifications and the classification identifiers.

16. The system of claim 15 wherein means for filtering the structured document comprises:

5 means for extracting, from the structured document, structural elements having classification identifiers corresponding to the user classifications; and

means for writing the extracted structural elements into a session structured document in the session document.

17. The system of claim 16 further comprising means for filtering the presentation grammar, in dependence upon the extracted structural elements, into a session grammar in the session document.

18. The system of claim 11 further comprising means for creating a presentation document, including:

5 means for creating, in dependence upon an original document, a structured document comprising one or more structural elements;

means for classifying a structural element of the structured document according to a presentation attribute; and

10 means for creating a presentation grammar for the structured document, wherein the presentation grammar for the structured document includes grammar elements each of which includes an identifier for at least one structural element of the structured document.

19. The system of claim 18 wherein means for classifying a structural element comprises:

means for identifying a presentation attribute for the structural element;

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means for identifying a classification identifier in dependence upon the presentation attribute; and

means for inserting the classification identifier in association with the structural element in the structured document.

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20. The system of claim 18 wherein means for creating a presentation grammar for the structured document comprises:

means for identifying the content type of the original document;

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means for selecting, in dependence upon the content type, a full presentation grammar from among a multiplicity of full presentation grammars; and

means for filtering the full presentation grammar into a presentation grammar for the structured document in dependence upon the structural elements of the structured document.

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21. A computer program product for amending a session document during a presentation wherein the session document includes a session structured document, the computer program product comprising:
- 5 a recording medium;
- means, recorded on the recording medium, for providing user profiles representing users capable of participating in presentations, each user profile including user classifications for a user;
- 10 means, recorded on the recording medium, for providing a presentation document including a structured document having structural elements classified with classification identifiers;
- 15 means, recorded on the recording medium, for identifying a user profile event for a user during the presentation; and
- means, recorded on the recording medium, for adding to the session structured document at least one structural element from the presentation document, the added structural element having a classification identifier that corresponds to a user classification of the user.
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22. The computer program product of claim 11 wherein means, recorded on the recording medium, for identifying a user profile event comprises means, recorded on the recording medium, for identifying the addition of a user to the presentation, wherein the added user has a new user classification for the presentation.
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23. The computer program product of claim 21 wherein means, recorded on the recording medium, for identifying a user profile event comprises means, recorded on the recording medium, for identifying a change in a user

5 classification in a user profile of a user who is participating in the presentation, wherein the changed user classification includes a new user classification for the presentation.

24. The computer program product of claim 21 further comprising means, recorded on the recording medium, for adding a grammar element to the session grammar in dependence upon the added structural element.

25. The computer program product of claim 21 further comprising means, recorded on the recording medium, for creating a session document from a presentation document, including:

5 means, recorded on the recording medium, for identifying a presentation document for a presentation, the presentation document including a presentation grammar and a structured document having structural elements classified with classification identifiers;

10 means, recorded on the recording medium, for identifying a user participant for the presentation, the user having a user profile comprising user classifications; and

15 means, recorded on the recording medium, for filtering the structured document in dependence upon the user classifications and the classification identifiers.

26. The computer program product of claim 25 wherein means, recorded on the recording medium, for filtering the structured document comprises:

5 means, recorded on the recording medium, for extracting, from the structured document, structural elements having classification identifiers corresponding to the user classifications; and

means, recorded on the recording medium, for writing the extracted structural elements into a session structured document in the session document.

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27. The computer program product of claim 26 further comprising means, recorded on the recording medium, for filtering the presentation grammar, in dependence upon the extracted structural elements, into a session grammar in the session document.

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28. The computer program product of claim 21 further comprising means, recorded on the recording medium, for creating a presentation document, including:

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means, recorded on the recording medium, for creating, in dependence upon an original document, a structured document comprising one or more structural elements;

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means, recorded on the recording medium, for classifying a structural element of the structured document according to a presentation attribute; and

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means, recorded on the recording medium, for creating a presentation grammar for the structured document, wherein the presentation grammar for the structured document includes grammar elements each of which includes an identifier for at least one structural element of the structured document.

29. The computer program product of claim 28 wherein means, recorded on the recording medium, for classifying a structural element comprises:

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means, recorded on the recording medium, for identifying a presentation attribute for the structural element;

means, recorded on the recording medium, for identifying a classification identifier in dependence upon the presentation attribute; and

10 means, recorded on the recording medium, for inserting the classification identifier in association with the structural element in the structured document.

30. The computer program product of claim 28 wherein means, recorded on the recording medium, for creating a presentation grammar for the structured document comprises:

5 means, recorded on the recording medium, for identifying the content type of the original document;

means, recorded on the recording medium, for selecting, in dependence upon the content type, a full presentation grammar from among a multiplicity of
10 full presentation grammars; and

means, recorded on the recording medium, for filtering the full presentation grammar into a presentation grammar for the structured document in dependence upon the structural elements of the structured document.